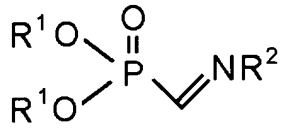
Claims amended by Article 19

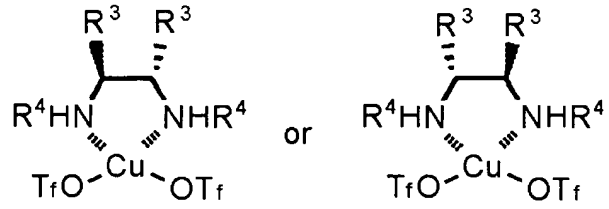
1. A production method for aminophosphonic acid derivatives comprising reacting an α-iminophosphonate ester represented by the formula below

[Chemical Formula 1]



, wherein R^1 represents an alkyl group and R^2 represents a protective group for an amino group, and a nucleophilic agent in the presence of a chiral copper catalyst represented by the formula below

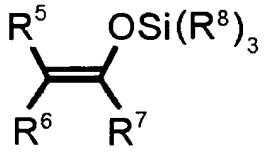
[Chemical Formula 2]



, wherein R^3 and R^4, may be identical or different, represent an aryl group or an aralkyl group.

2. The production method of claim 1, wherein the nucleophilic agent is a silyl enol ether represented by the formula below

[Chemical Formula 3]



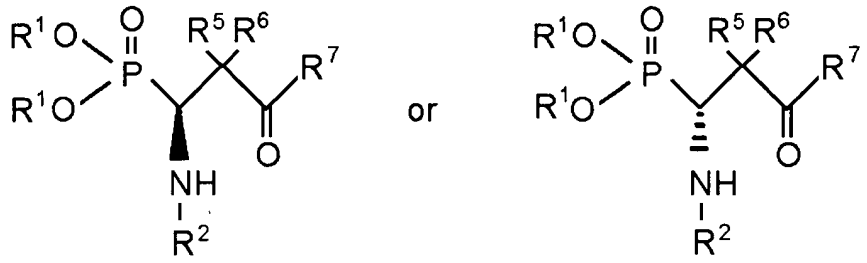
, wherein R^5 and R^6, may be identical or different, represent hydrogen atoms, alkyl groups, aryl groups or aralkyl groups, R^7 represents an alkyl group, aryl group, aralkyl group, alkoxy group or sulfide group represented by $-SR^9$, wherein R^9 represents an alkyl group or an aryl group, and R^8, may be identical or different, represents an alkyl group or a phenyl group.

3. The production method of claim 1 or 2, wherein a compound having an activated proton is added to the reaction medium as an additive.

4. The production method of claim 3, wherein the additive is hexafluoro isopropyl alcohol (HFIP).

5. (amended) The production method of any one of claims 1-4, wherein the aminophosphonic acid derivative represented by the formula below:

[Chemical Formula 4]



, wherein, R^1 to R^7 are as defined as above.